

Serial No. 09/683,149

RD-28,667-1

In the Specification:

Marked-up versions of amended paragraph 21, found on page 7 of the specification and paragraph 39, found on page 13 of the specification, are provided in Attachment A, submitted herewith.

Please substitute the following for paragraph 21, found on page 7 of the specification:

A1 Referring to the drawings in general and to Figure 1 in particular, it will be understood that the illustrations are for the purpose of describing a preferred embodiment of the invention and are not intended to limit the invention thereto. An apparatus 100 for depositing a uniform coating on a macroscopically planar - or flat - surface using an array 110 comprising a plurality of expanding thermal plasma sources 112 is schematically shown in Figure 1. The apparatus 100 shown in Figure 1 has been described in "Apparatus and Method for Large Area Chemical Vapor Deposition Using Expanding Thermal Plasma Generators," U.S. Patent Application 09/681,820, by Barry Lee-Mean Yang et al., now U.S. Patent No. 6,397,776, and in "Apparatus and Method for Depositing Large Area Coatings on Non-Planar Surfaces," U.S. Patent Application 09/683,148, by Marc Schaepkens, both of which are incorporated herein by reference in their entirety. Each of the plurality of ETP sources 112 is supplied with at least one reactant gas that reacts with the generated ETP to form a coating on a surface of a substrate (not shown). The at least one reactant gas is supplied to each of the plurality of ETP sources 112 at the same flow rate through individual reactant gas injectors 120. The at least one reactant gas reacts in the plasma generated by each of the plurality of ETP sources 112 to produce species that form the coating.

Please substitute the following for paragraph 39, found on page 13 of the specification:

A2 In the present invention, linear orifice density along common reactant gas injector ring 220 can, for example, be varied to equalize flow by replacing some of the set-screws having orifices with regular set screws into which no orifices have been machined.